

CLAIMS

What is claimed is:

- 5 1. A method for setting a correct time, the method comprising:
- receiving a status report;
- determining a world time from the status report; and
- setting a current device time in accordance with the world time.
- 10 2. A computer readable medium having stored thereon computer-executable instructions for performing the method of claim 1.
3. The method of Claim 1, further comprising the steps of:
- 15 in response to a clock set trigger, attaching a status report request to an SMS message; and
- transmitting the short message to initiate the transmission of the status report.
- 20 4. The method of Claim 3, wherein the clock set trigger comprises a determination that a clock has not been set.
5. The method of Claim 3, wherein the clock set trigger comprises the passing of a predetermined amount of time.

6. The method of Claim 1, wherein the status report is generated by a Short Messaging Service Center.

7. The method of Claim 6, wherein the Short Messaging Service Center maintains a world time register.

8. The method of Claim 1, wherein the step of setting a current device time in accordance with the world time comprises the steps of:

10 calculating a device time difference between the world time and a current device time;

setting a corrected time equal to the sum of the device time difference and the current time; and

15 setting the current time equal to the corrected time.

9. The method of Claim 8, further comprising the step of determining a pre-stored time zone indicator .

10. The method of Claim 9, further comprising the step of
20 adjusting the current time in accordance with the time zone indicator.

11. The method of Claim 1, further comprising displaying the current time as a display time.

12. A clock for a cellular device, comprising:

a current device time for maintaining a current time for the cellular device;

5 a device time difference for maintaining a time difference between the current device time and a world time; and

a corrected device time for maintaining the sum of the device time difference and the current device time;

10 wherein the current device time is set equal to the corrected device time, in response to the receipt of the world time; and

wherein the world time is received in a status report received by the cellular device.

13. The clock of Claim 12, wherein the status report is
15 generated by a Short Message Service Center.

14. The clock of Claim 13, wherein the status report is generated in response to receiving a status report request from the cellular device.

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15. The clock of Claim 14, wherein the status report request is sent by the cellular device in response to a clock set trigger.

16. The clock of Claim 15, wherein the clock set trigger
25 comprises a determination that the current device time has not been set.

17. The clock of Claim 15, wherein the clock set trigger comprises the passing of a predetermined amount of time.

18. A cellular telephone comprising:
a clock operative to provide a displayed time; and
a radio architecture component operative to receive a status
report;

5 wherein the displayed time is set, in response to a receipt of the
status report.

10 19. The cellular device of Claim 18, wherein the status report
comprises a world time.

20. The cellular device of Claim 19, wherein a device time
difference is set equal to a time difference between the world time and a
current device time.

15 21. The cellular device of Claim 20, wherein a corrected
device time is set equal to the sum of the current device time and the device
time difference.

20 22. The cellular device of Claim 21, wherein the displayed
time is set equal to the corrected time.

23. The cellular device of Claim 18, wherein a device time
error is set equal to a time difference between the device time corresponding
to sending a status report request and a device time corresponding to
25 receiving the status report.

24. The cellular device of Claim 23, wherein the device time error represents an accuracy of the displayed time.